

## Holiday Homework

### CLASS IX

**English:** - 1. Compile information about famous writers of the below mentioned countries.

- England- Roald Dahl
- France- Guy de Maupassant
- Russia- Leo Tolstoy + Anton Chekhov
- Japan- Haruki Murakami
- Ireland- Oscar Wilde

Prepare bookcover for a presentation in class (analysis of the social themes/Characters representing the respective society through their work

- It should include 2 stories of the writer
  - Kind of society depicted through the characters.
  - Social problems faced by them
  - summary of each story
  - Adding pictures would make your book cover more attractive.
1. Do it according to groups formed role number wise, Using A<sub>4</sub> size sheets (5-6 sheets)
  2. Solve the grammar worksheet and paste it in your register.
  3. Revise the Pre-Mid Term syllabus thoroughly.

**Mathematics:** - Roll no 1 – 29

You are an entrepreneur and you want to design an educational newspaper keeping in mind to catch the attention of readers towards mathematics an idea is given below to help you out in designing your newspaper.

- A catchy title
- An attractive title
- sketch of great Indian Mathematicians
- about their life
- Their contribution in the field of Mathematics.
- Application of their work
- Latest researches and updates.
- Some Number puzzles, magic squares, Sudoku etc.

**Note**→ Design only a four page newspapers of A-3 size

Roll no.30-onwards

Present Pascal's Triangle in form of a 3-D model, and present in a very attractive manner its application for writing the expression in the form of  $(a+b)^n$ , where  $n \in \mathbb{N}$

Do the assignment given.

**Social Science:** - Collect data about historically significant wars that shaped up the present world scenario- [A-3 size-sheet to be used]

- it should include pictures & diagrams
- Reasons and lessons learnt
- efforts done by the nation for
- Read newspaper, pick any one disaster and write a news report describing which areas has been harmed and how. What is advisable for the people to do etc.[A-3 size sheet to be used]

- It should include pictures, name of the newspaper.
- Paper cutting of incident
- Do given assignments
- Learn all the chapters done in class.

**Science:** - Complete worksheet for the following chapters in H.W register:-

Ch – 5 The fundamental unit of Life-CELL

Ch – 8 Motion.

2. Revise Pre-mid term syllabus.

3. Complete the following practicals in lab practical files:-

**Experiment No. –01:** Preparation of

- A true solution of common salt sugar and alum.
- A suspension of soil, chalk powder and sand in water.
- A colloidal solution of starch in water and distinctions between these on the basis of transparency, filtration criterion, stability.

**Experiment No – 02:**

Preparation of a) Mixture

b) A Compound

Using iron fillings and sulphur powder and distinction between these on different basis.

**Experiment No -03:** Performing the following reactions and classifying them as physical or chemical changes-

- Iron with copper sulphate solution in water
- Burning of Magnesium ribbon in air
- Zinc with dil.  $H_2SO_4$
- Heating of copper sulphate crystals
- Sodium sulphate and Barium chloride in the form of their solutions in water.

**Art :-** a) Pot designing with warli art (acrylic color/fabric color).

b) A3 size stone painting with any shape.

**हिन्दी (कोर्स बी) :-**

- पाठ्यक्रम से सम्बन्धित पुनरवृत्ति अभ्यास कार्य करना ।
- अपने व्यक्तिगत विषय से सम्बन्धित ५ अच्छी और ५ बुरी आदतों का वर्णन करते हुए उनमें सुधार के लिए उपाय भी लिखे ।
- स्वयं निर्मित एक पत्रिका बनाइए जिसमें खेल कहानियां, घटनाएँ, समाचार कार्य सम्बंधी विषय हो । आकर्षक कवर के साथ ।
- अपने आसपास कार्य कर रहें लोग जैसे मकैनिक, कामवाली, सफाई कर्मचारी में से पांच लोगो का साक्षात्कार फोटो के साथ लेकर एक फाईल तैयार करना ।